

## WWA v5.1.2

With the 5.1.2 release of WWA, there will be several new features, and some changes in the way that WWA functions. Below is a description of these items.

**Delete button** - This was actually provided in the 5.1.1 release. There is a new button labeled "Delete..." in the WWA Monitor which was placed in between the "Create Text..." and "Exit" buttons. This button will only be selectable if you have products selected within the monitor, and none of these products are at Issued, or appear as white, in the monitor. If you select a product which has yet to be issued, then selecting the "Delete..." button will delete this product from database, and will no longer appear in the Monitor or GeoViewer. If the button is pressed on a product which has been previously issued, then the action performed will be similar to an undo, and the product in the monitor will revert back to the last issued product.

**Topography Levels** - This was also provided in the 5.1.1 release. The "Topography Levels..." button can be found under the "Options" menu in the WWA Geo Viewer. Selecting this will open a GUI which can be used to interactively adjust the topography levels used when graphically displaying topography in the Geo Viewer.

**County Map Background** - The County Map Background is a new feature in 5.1.2. There are two new buttons in the Geo Viewer menu under "Options" entitled "Zone Map" and "County Map". If the Zone Map button is selected, then the map displayed in the GeoViewer will be zone based. The same is true if the County Map button is selected. The map will also automatically switch based on the product you select in the WWA Composer hazards menu. For example, if the map background is currently zone based, and you open the Composer window and select "Severe Thunderstorm Watch", because this product is county based, the map background in the Geo Viewer will automatically switch to the county based map. You can configure which map background WWA will start with the `wwa.zoneMode` value in the WWA Xdefaults file. If `wwa.zoneMode` is not set, or True, then WWA will start with a Zone Map background.

**Site Backup** - Site Backup for WWA consists of a new pull down button at the top of the Composer window next to the "Mode" button entitled "Site". By default, the button will come up with your site already selected. Selecting the pull down menu will produce a list of all your adjacent sites. There currently is no way to modify this list of sites, though in a future release your backup sites will be defined in a `geography_groups` list. Picking one of these sites will produce no noticeable changes. However, you will no longer be able to select your own zones and counties in the Geo Viewer when creating a product. The area you can select from is now defined by the list of zones and counties for the adjacent site selected in the Composer window. Also, if your text templates are set up correctly, the PIL used in the text for the product is not for your site, it is using the PIL of the adjacent site for whom you created this product.

**wwaServer** - Because of the need to now issue products for a backup site, the way the `wwaServer` gets the PIL to listen for issuing the product and launching the `wwa_nwr` program has changed. Prior to 5.1.2, the `wwaServer` built the PIL based on the `$AFOS_SITE` and `$NODE` environmental variables, as well as the `issuance/followup/clear/cancel id` in the characteristics

table for this product. Now, the entire PIL id will be retrieved from the actual text product, making it important that your sites PIL is not hardcoded in the template files if you will be issuing products for adjacent sites.

**NWR Tone Alert** - There is a new tone alert button in the WWA Composer window which allows the forecaster to specifically determine whether a product will be tone alerted or not. This button can be added or removed based on the `wwa.showToneOptionsMenu` setting the Xdefaults file. If the value is True, the button will appear below the time buttons, and if False, the button will not appear, and the default tone alert setting will be used. There are three options with the tone alert button, yes, no and default. If it is left as default, then the default value for the tone alert in the NWR Products Table for this product will be used. If it is set to yes, then the product will be tone alerted no matter what the default value, and if no, then the product will not be tone alerted despite whatever value is in the NWR Products table for this product.

## FAQ

### **Question - What can I do if my county map background is incorrect?**

**Answer** - There are several things you can do. If there is a county missing, then make a note of the county in question, such as MDC001, and then in terminal window type `'grep MDC001 /awips/adapt/ifps/data/brdrpts_cnty.ccc'` where ccc is your 3-letter site id. If you come back with some information, then there is probably information missing from your ifps database. Check and make sure that the county id is in the `wwa_clist` of the `geography_groups` table. Also, verify that there are three entries for this id in the `plot_points` table. You can easily add this information using the `config_geo` gui of the ifps configuration menu. If the information for this id did not exist in the `brdrpts_cnty.ccc` file, and/or editing the database did not solve your problem, then try running the `cwa_change` script. If after exhausting these options the county map background is still incorrect, then please open a trouble ticket detailing the errors in you county map background.

### **Question - Is there a way to limit the zones/counties which are selectable for each backup site?**

**Answer** - Yes. The list of zones/counties which are selectable in the same way that the lists which define the areas that you can select for each product are defined. There are several lists in the `geography_groups` table of your ifps database, such as `redef_c`, `redef_z`, `cwa_c`, `cwa_z`, `zone_dfm`, and `fore_dfm` which define the area that is selectable for different types of products. These lists exist for your wfo, as well as your adjacent sites wfo's. You can edit the lists for your wfo's (or completely remove them if you do not have any backup responsibility for a site) to include only those zones/counties you are responsible for during backup.

**Question - Why can't I get products to become issued when creating products for a site I am backing up.?**

**Answer** - Check that you do not have the PILs hard coded in your text templates. The templates should have these lines to format the PIL:

```
#include "${CURRENT_CWA}-offtIncl.txt"  
ZCZC $$cccValue!WSW$$xxxValue! DEF&
```

If it is hard coded, such as WBCWSWLWX, then that is the PIL that WWA is listening for to issue the product. cccValue and xxxValue change based on the site you are backing up so you can issue it under the correct id. If you've done this, and find that the PILs in the text are incorrect, please read the information on Product Ids in the technical section.